

WHAT IS CLAIMED IS:

1. A battery capable of being removable mounted in a coupling surface of a video camera etc. or an adapter plate mounted in said coupling surface, characterized in that in the battery provided with a V-shaped engagement part for fitting into a V-shaped receiving groove provided in the coupling surface of the video camera etc. or the adapter plate in a dovetail joint manner on one side, a V-shaped receiving groove with the same shape as that of the V-shaped receiving groove provided in the coupling surface of the video camera etc. or the adapter plate is provided on the other side opposite to one side of the battery to be mounted in the video camera etc. in order to join another battery having the V-shaped engagement part in a dovetail joint manner.

2. A battery as defined in claim 1, wherein a circuit for outputting a self-capacitance, a terminal for inputting a self-capacitance output from another battery, and an averaging circuit for averaging an output of the self-capacitance output circuit and an input from the input terminal to produce an output are built into the battery.

3. A battery as defined in claim 1 or 2, wherein a V-shaped receiving groove provided on the other side opposite to one side of the battery to be mounted in the video camera etc. is formed between a pair of protrusion parts protruded from the other side, and projections having a terminal for connection to another battery or another device capable of fitting in an equivalent dovetail joint manner on the top and projections for connection guide are provided on the upper parts of a pair of said protrusion parts, respectively, and another terminal for connection to another device is placed between these projections.

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